

REPORT ON BOILERS.

No. 13371
SAT. MAY. 17. 1913

Received at London Office

Date of writing Report 14th May 1913 When handed in at Local Office 19 Port of Hamburg
 No. in Survey held at Kiel Date, First Survey 7th June 12 Last Survey 9th May 1913
 Reg. Book. Steel L. Lr. "Tecumseh" (Number of Visits 13) Tons Gross 5080 Net 3033
 on the Steel L. Lr. "Tecumseh"
 Master F. Heuer Built at Kiel By whom built Howaldtswerke When built 1913
 Engines made at Kiel By whom made Howaldtswerke when made 1913
 Boilers made at Kiel By whom made Howaldtswerke when made 1913
 Registered Horse Power 320 Owners Deutscher-Amerika-Petroleum-Ges. Port belonging to Hamburg

MULTITUBULAR BOILERS—~~MAIN, AUXILIARY OR~~ DONKEY.—Manufacturers of Steel The Glasgow Iron & Steel Co. Ltd.

(Letter for record S) Total Heating Surface of Boilers 982 sq. ft. Is forced draft fitted no No. and Description of Boilers 1 Single ended multitubular Working Pressure 120 lb. Tested by hydraulic pressure to 240 lb. Date of test 18.3.13
 No. of Certificate 203 Can each boiler be worked separately no Area of fire grate in each boiler 32.3 sq. ft. No. and Description of safety valves to each boiler 2 Spring loaded Area of each valve 8.29 in. Pressure to which they are adjusted 120 lb.
 Are they fitted with easing gear yes In case of donkey boilers, state whether steam from main boilers can enter the donkey boiler no
 Smallest distance between boilers or uptakes and bunkers or ~~woodwork~~ 18.5 Mean dia. of boilers 10.6 Length 9.8
 Material of shell plates Steel Thickness .687 Range of tensile strength 28-32 Tons Are the shell plates welded or flanged no
 Descrip. of riveting: cir. seams lap. abt. riv. long. seams abt. bth. trip. riv. Diameter of rivet holes in long. seams .875 Pitch of rivets 4.75
 Lap of plates or width of butt straps 14.4 Per centages of strength of longitudinal joint rivets 95% Working pressure of shell by rules 124.4 lb. Size of manhole in shell 11.78 x 15.34 Size of compensating ring 25.6 x 29.5 x 68 No. and Description of Furnaces in each boiler 2 horizontal Material Steel Outside diameter 39.37 Length of plain part top 5.9 bottom 7.8 Thickness of plates crown .43 bottom .43
 Description of longitudinal joint welded No. of strengthening rings none Working pressure of furnace by the rules 159.8 lb. Combustion chamber plates: Material Steel Thickness: Sides .55 Back .55 Top .53 Bottom .63 Pitch of stays to ditto: Sides 7.87 Back 7.87
 Top 7.5 stays are fitted with nuts or riveted heads riveted heads Working pressure by rules 131 lb. Material of stays Steel Diameter at smallest part 1.14 Area supported by each stay 62.29 Working pressure by rules 125 End plates in steam space: Material Steel Thickness .9
 Pitch of stays 19.7 How are stays secured abt. riv. wtd. Working pressure by rules 128 Material of stays Steel Diameter at smallest part 2.8
 Area supported by each stay 38.29 Working pressure by rules 167 lb. Material of Front plates at bottom Steel Thickness .9 Material of Lower back plate Steel Thickness .9 Greatest pitch of stays 17.7 Working pressure of plate by rules 117 lb. Diameter of tubes 2.3
 Pitch of tubes 4.5 Material of tube plates Steel Thickness: Front .9 Back .75 Mean pitch of stays 8.8 Pitch across wide water spaces 14.1 Working pressures by rules 147 lb. Girders to Chamber tops: Material Steel Depth and thickness of girder at centre 5.5 x 1.2 Length as per rule 24 Distance apart 7.5 Number and pitch of Stays in each 2-7.87
 Working pressure by rules 124 lb. Superheater or Steam chest; how connected to boiler no Can the superheater be shut off and the boiler worked separately no Diameter no Length no Thickness of shell plates no Material no Description of longitudinal joint no Diam. of rivet holes no Pitch of rivets no Working pressure of shell by rules no Diameter of flue no Material of flue plates no Thickness no
 If stiffened with rings no Distance between rings no Working pressure by rules no End plates: Thickness no How stayed no
 Working pressure of end plates no Area of safety valves to superheater no Are they fitted with easing gear no

The foregoing is a correct description,

Howaldtswerke Manufacturer.

Dates of Survey: During progress of work in shops 7/6, 7/8, 20/9, 24/10, 12/12, 12/1, 1/2, 12/13 the approved plan of boiler forwarded herewith no and previous no
 while building 25/4, 7/5, 7/6 1913. Total No. of visits 13

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c. This Boiler has been built under

Special Survey in accordance with the approved Plan, the workmanship and material are of best quality.

For further particulars please see main Report on this Vessel's First Entry.

Survey Fee ... £ : : When applied for, 19
 Travelling Expenses (if any) £ : : When received, 19

Committee's Minute TUE. MAY. 20. 1913

Assigned see minute on Ann Rpt. 13371 attached

Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.



© 2020

Lloyd's Register
W566-0032
Foundation